

□ Film deaeration unit operating method - involves supplying gas and liquid sequentially to liquid phase side such that surface of gas transparent film is **cleaned**, inside **membrane** module.

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NOVELTY - Gas and liquid are supplied sequentially to liquid phase side (3a) such that surface of gas transparent film (3A) is **cleaned** inside **membrane** module. DETAILED DESCRIPTION - The gas transparent film is formed between the liquid phase side and gaseous phase side (3b), in the membrane module (3). A vacuum pump (4) is provided to perform decompression in the gaseous phase side. A pump (1) is provided to supply the liquid to the liquid phase side. When the decompression is performed in the gaseous phase side, the dissolved gas in the liquid, flows from the liquid phase side to the gaseous phase side. An INDEPENDENT CLAIM is provided for explaining the film deaeration unit.
USE - For deaeration of processed liquid containing oxygen.
ADVANTAGE - The method is useful because a special installation is not required. It facilitates continuous running of deaeration unit because the film is cleaned efficiently. DESCRIPTION OF DRAWING(S) - The figure shows systematic diagram of film deaeration unit. (1) Pump; (3) Membrane module; (3A) Gas transparent film; (3a) Liquid phase side; (3b) Gaseous phase side; (4) Vacuum pump.
Dwg.1/4